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Assistant Commissioner for Patents  
Washington, D.C. 20231  
  
October 22, 2001  
TOWNSEND and TOWNSEND and CREW LLP  
By Nancy A. Pizzo  
NANCY A. PIZZO

**AMENDMENT UNDER 37 CFR §1.116  
EXPEDITED PROCEDURE  
- EXAMINING GROUP 1773**

**PATENT**  
Attorney Docket No.: 014089-002540US

**RECEIVED**  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

VIJAYEN, VEERASAMY et al.

Application No.: 09/165,513

Filed: October 2, 1998

For: METHOD OF PRODUCING RECORDING  
MEDIA HAVING PROTECTIVE  
OVERCOATS OF HIGHLY TETRAHEDRAL  
AMORPHOUS CARBON

Examiner: S. Resan

Art Unit: 1773

**AMENDMENT UNDER 37 CFR  
§1.116 EXPEDITED PROCEDURE  
- EXAMINING GROUP 1773**

BOX: AF  
Assistant Commissioner for Patents  
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Sir:

In response to the Final Office Action mailed August 22, 2001, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 38, 59, and 61-63 and please cancel claim 60, as follows.

All claims are set forth for convenient reference.

1       38. (Twice Amended) An article comprising:  
2              a substrate; and  
3              a layer disposed over the substrate, the layer comprising a highly tetrahedral  
4              amorphous carbon having more than about 15% sp<sup>3</sup> carbon-carbon bonds and a single peak  
5              Raman spectrum, the layer further comprising at least one of hydrogen and nitrogen;  
6              wherein a percentage of sp<sup>3</sup> carbon-carbon bonds in the layer increases as a layer  
7              thickness decreases.